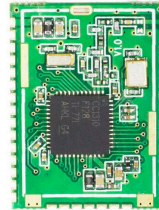


# N530AS

## CC1130 FSK RF Module,410-510Mhz,860-960Mhz



## INTRODUCTION

N530AS based TI CC1310. 433M, 868M and 915MHz used. All of the N530AS's electronics (don't including an antenna) reside on a single PCB, and all operational power is derived from a single supply voltage.

## Technical specifications

### Hardware Information

Interfaces: SPI,IIC,UART  
Dimension: 25 x 19mm x 3mm  
Operating voltage: 2 - 3.6V  
Operating temperature: -30°C to +70°C

Consumption(Sleep) : 1uA  
Consumption (RX): 9mA  
Consumption (TX): 24mA  
RF chip: CC1310  
Mounting: SMD

### Software

Asynchronous Transparent  
mode Low Power mode  
Secure mode

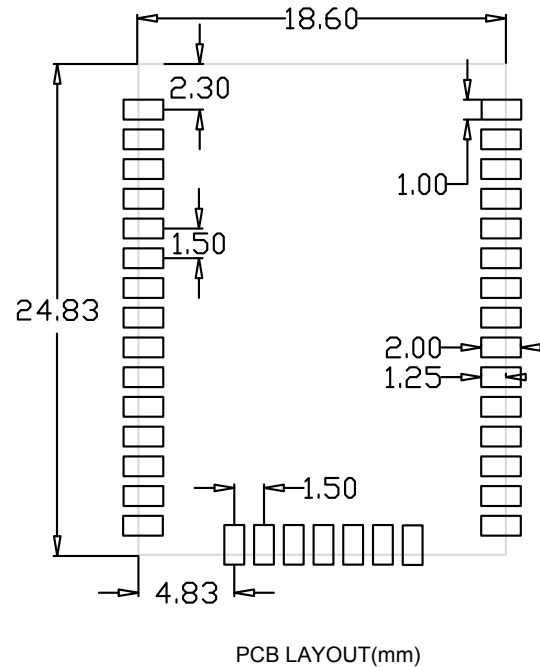
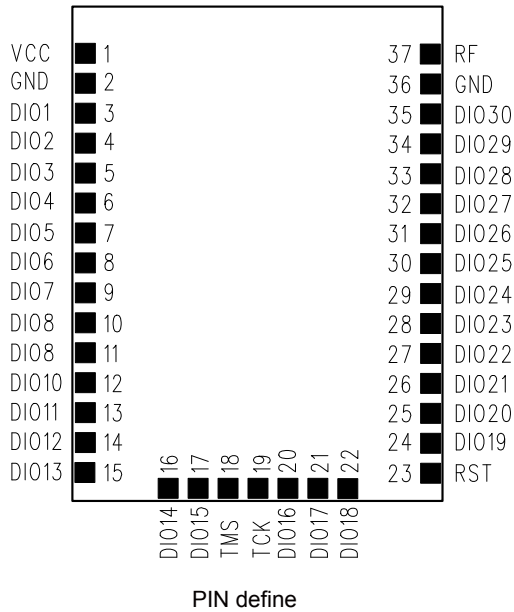
RSSI mode  
Serial bootloader  
Adjustable packet size

### Wireless Interface

RF pin  
Frequency:410-510Mhz,860-960Mhz  
Modulation: FSK  
RF deviation:  $\pm 10$  Khz

RF data rate: 1 - 1000Kbps  
RF output power: up to 14dBm  
RF sensitivity: -122dBm

## Pin configuration & Dimensions



## Part numbers

N530AS-434M      RF Module N530AS-434M – 20mW – 410-510Mhz

N530AS-868M      RF Module N530AS-868M – 20mW – 860-960Mhz

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**Coral RF**